

Detailed Estimate

OD/365/3507/120344/388021/00064048 : Construction of CC road from Sanatan Singh house to Suklal Sing house at Bastisahi

Block : Saraskana, Gram Panchayat : Bhursani

Created By: Binay Kumar Tiriya

1. Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift								
Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per the direction of the Engineer-in-charge								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cutoff	2.000	35.000	0.250	0.230	0.000	4.025	-
Total Quantity					4.025 cum (cum)		4.025 Cum (Cubic Meter)	
Amount					4.025 X 240.77592		969.12	
2. Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed								
Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T & P required for the work etc. complete and as per direction of Engineer-in charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cutoff	2.000	35.000	0.250	0.050	0.000	0.875	-
ii	Road	1.000	35.000	3.100	0.050	0.000	5.425	-
Total Quantity					6.3 cum (cum)		6.3 Cum (Cubic Meter)	
Amount					6.3 X 1156.544132		7286.23	
3. R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc								
Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. foundation, plinth band and footings bases of columns mass concrete precast slabs, etc								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	2.000	35.000	0.000	0.200	0.000	14.000	-

Total Quantity		14 Sqm (Sqm)		14 Sqm (Square Meter)				
Amount		14 X 216.23489289764		3027.29				
4. Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal								
Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cutoff	2.000	35.000	0.250	0.230	0.000	4.025	-
ii	Road	1.000	35.000	3.600	0.100	0.000	12.600	-
Total Quantity		16.625 cum (cum)		16.625 Cum (Cubic Meter)				
Amount		16.625 X 6064.3893388		100820.47				
5. Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum								
Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete as per specificaion and direction of Engineer-in charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	35.000	3.600	0.085	0.000	10.710	-
Total Quantity		10.71 cum (cum)		10.71 Cum (Cubic Meter)				
Amount		10.71 X 7788.2181306		83411.82				
Total Amount		195514.93						
Addition								
Provision for Contingency (+) @		1955.15						
Display Citizen Board (+) @		3000.00						
Any Other Lumpsum (+) @		1448.00						
Provision for survey investigation and quality control (+) @								
Total Addition		6403.15						

Grand Net Total Amount

201918.08

**Binay Kumar Tiriya
JE
Saraskana Block**

**Gagan Bihari Mohanty
AEE
Saraskana Block**

**Suman Raja Mohanty
BDO
Saraskana Block**